ABSTRACT

A fluid control device 1 comprises a metal body 2 having a fluid inlet channel 2a, a fluid outlet channel 2b and a communication channel 2c for holding the two channels in communication, and a metal slide member 3 vertically movable in a vertical passage 11 including the communication channel 2c for closing or opening the communication channel 2c with an end portion thereof. At least the end portion 3a of the slide member 3 is made of an alloy comprising, in % by weight, 0.001 to 0.01% of C, up to 5% of Si, up to 2% of Mn, up to 0.03% of P, up to 100 ppm of S, up to 50 ppm of O, 18 to 25% of Cr, 15 to 25% of Ni, 4.5 to 7.0% of Mo, 0.5 to 3.0% of Cu, 0.1 to 0.3% of N, and the balance substantially Fe and other inevitable impurities.